



SAZ4

## FULL-WAVE VACUUM RECTIFIER

### GENERAL DATA

#### **Electrical:**

Filament, Coated:

Voltage. . . . . 5 . . . . . ac or dc volts  
Current. . . . . 2 . . . . . amp

#### **Mechanical:**

Mounting Position. . . . . Vertical, or Horizontal with pins  
2 and 8 in horizontal plane

Maximum Overall Length . . . . . 3-5/32"

Maximum Seated Length. . . . . 2-5/8"

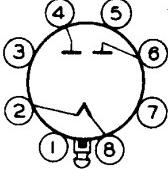
Maximum Diameter . . . . . 1-3/16"

Bulb . . . . . T-9

Base . . . . . Lock-in 8-Pin

Basing Designation for BOTTOM VIEW . . . . . 5T

Pin 1 - No	Connection	Pin 5 - No	Connection
Pin 2 - Filament		Pin 6 - Plate	
Pin 3 - No	Connection	Pin 7 - No	Connection
Pin 4 - Plate		Pin 8 - Filament	
Plug - Base Shell			



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#### **Maximum Ratings, Design-Center Values:**

PEAK INVERSE PLATE VOLTAGE . . . . . 1400 max. volts

PEAK PLATE CURRENT . . . . . 375 max. ma

DC OUTPUT CURRENT. . . . . 125 max. ma

#### **Typical Operation:**

	Capacitor- Input to Filter	Choke- Input to Filter	
AC Plate-to-Plate Supply Voltage (RMS). . . . .	/00	1000	volts
Filter Input Capacitor . . . . .	4	-	$\mu$ f
Min. Total Effective Plate-Supply Impedance per Plate*. . . . .	50	-	ohms
Min. Filter Input Choke . . . . .	-	5	henries
DC Output Current. . . . .	125	125	ma

\* When the input capacitor of the filter exceeds 40  $\mu$ f, it may be necessary to increase the plate-supply impedance in order to limit the peak current to the rated value.

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TUBE DEPARTMENT  
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA